MUSCI NOVI PARAGUENSES*

Descripsit

V. F. Brotherus

Porotrichum cavifolium Broth. sp. n. Dioicum; robustiusculum, viride, aetate lutescenti-viride, nitidiusculum; caulis primarius elongatus, caules secundarii inter se remoti, usque ad 5 cm. longi, brevistipitati, densiuscule foliosi, dense pinnatim ramosi ramis patentibus, infimis usque ad 2 cm. longi, dein descrescentibus, vix complanatis, subpinnatim ramulosis vel simplicibus; folia concavo, stipitis erecto-patentia accrescentia, caulina patentia, oblongo-ligulata, obtusissima, apiculata, superne argute et inaequaliter serrata, nervo longe infra apicem folii evanido, cellulis superioribus hexagono-rhombeis, dein sensim longioribus, alaribus sat numerosis, ovalibus, minutis, ramea conformia, sed minora. Caetera ignota.

Paraguay, sine loco designato (Alfred Russell Wallace, in Herb. Mitten).

Species ob folia concavo speciebus nonnullus americanis *Porotrichodendri*, ex. gr. *P. superbo* similis, sed foliis obtusissimis, superne argute et inaequaliter serratis, cellulis superioribus laxioribus facillime dignoscenda.

Porothamnium parvirete Broth. sp. n. Dioicum; gracile, viride, vix nitidiusculum; caulis primarius elongatus, caules secundarii inter se remoti, usque ad 5 cm. longi, brevistipitati, densiuscula foliosi, obtusi, raro flagelliformi-attenuati, dense pinnatim ramosi, ramis patentibus, usque ad cm. longis, complanatis, subpinnatim ramulosis vel simplicibus; folio stipitis deštructa, caulina sicca indistincte plicatula, humida patentia oblongo-ligulata, obtusissima apiculata, margine inferiore inflexo, superne argute et inaequaliter serrata, nervo longe infra apicem folii evanido, cellulis superioribus minutis, rhombeis, dein sensim longioribus, oblongo-hexagonis, basilaribus linearibus, apice papillose exstante, ramea conformia, sed minora. Caetera ignota.

Paraguay, sine loco designato (Herb. Mitten).

Species *P. porrectulo* (C. Müll.) habitu simillima, sed ab hac ut etiam a caeteris speciebus generi cellulis folii superioribus minutis dignoscenda.

LICHENS OF THE MT. MONADNOCK REGION, N. H.—No. 8†

Thomas Durfee

These lichens were determined by the late Dr. H. E. Hasse. All the specimens are fertile.

Genus: Lecanora

Section: Aspicilia

141. *Lecanora calcarea* (L.) Sommerf. Two specimens, both fertile.
142. *L. cinerea* Ach. Eleven specimens, all fertile.
143. *L. laevata* (Ach.) Nyl. Two specimens, both fertile.

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* These mosses were sent to Dr. Brotherus to be determined because the collections at the New York Botanical Gardens are not particularly rich in mosses from Paraguay, and there are over 30 species of the genus from S. A. described by various authors, principally Hampe and C. Müller, which were lacking in Mitten's Herbarium. Specimens of *P. cavifolium* Broth. n. sp. were probably sent to Alfred Russell Wallace with orchids, as it was his custom to send to his father-in-law, William Mitten, all mosses received in this way.

E. G. Britton,
New York Botanical Garden

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